

Human Papillomavirus

INNO-LiPA™ HPV Genotyping



based on SPF10 (ce)

- 32 genotypes - one genotype = one probe line
- Ready-to-use mastermix - automation
- Cervical cells, first-void urine and FFPE-samples (CE)
- Primer mix for RT-PCR application (RUO)

The power of HPV genotyping

Knowing your patient's
papillomavirus (HPV) genotype

Knowing how long
the infection has persisted

Can help optimize
patient management



GENOTYPE NOW






































- Genotype for key information: Genotyping is the only method that can inform you whether a specific carcinogenic HPV genotype is present.
- Genotype more than once: HPV type-specific monitoring allows you to check for viral persistence of specific genotypes - a key factor for possible progression to precancer.
- Genotype to determine multiple infections: Multiple infections often occur, especially in immuno-compromised individuals, and may increase the risk for cervical cancer.
- Genotype routinely after vaccination: Current vaccines do not protect against all high-risk HPV types. Elimination of HPV16 and 18 could lead to increased transmission of non-vaccine types.

Go for quality

BENEFITS OF THE PRODUCT

- Full genotyping:
 - Simultaneous detection of 32 HPV genotypes
 - SPF10 Plus provides high test sensitivity due to the precision of the short 65-base pair PCR product
 - SPF10 Plus permits simultaneous detection of multiple genotypes in a single sample
- Build-in controls: HPV control lines to confirm and detect the presence of a broad range of mucosal HPV genotypes plus additional controls to monitor sample processing (hDNA line, conjugate control line)
- Streamlining: Easy and ready-to-use master mix, with *Taq* DNA polymerase provided for minimum manipulation steps and hands-on time
- CE Applications:
 - Cervical cells collected in Surepath medium or PreservCyt medium
 - First-void urine with preservative
 - Paraffin-embedded (FFPE) material
- RUO Applications: HPV Primer Mix SPF10 Plus for Real-Time PCR application
- Automation:
 - from sample incubation to color development
 - *Auto-LiPA*[™] 48: up to 48 tests per run
 - AutoBlot 3000H: up to 20 tests per run
 - TENDIGO[™]: up to 10 tests per run
 - Results within ±3 hours
 - Minimum hands-on time
 - Accurate results
 - Interpretation software for complete traceability

EASY AND COMPREHENSIVE

	Marker line
	Conj. control
	hDNA control
	HPV control
	HPV control 2
	1. HPV16 HR
	2. HPV18 HR
	3. HPV31 HR
	4. HPV33 HR
	5. HPV35 HR
	6. HPV39 HR
	7. HPV45 HR
	8. HPV51 HR
	9. HPV52 HR
	10. HPV56 HR
	11. HPV58 HR
	12. HPV59 HR
	13. HPV68 HR
	14. HPV26 pHR
	15. HPV53 pHR
	16. HPV66 pHR
	17. HPV70 pHR
	18. HPV73 pHR
	19. HPV82 pHR
	20. HPV06 LR
	21. HPV11 LR
	22. HPV40 LR
	23. HPV42 LR
	24. HPV43 LR
	25. HPV44 LR
	26. HPV54 LR
	27. HPV61 LR
	28. HPV62
	29. HPV67
	30. HPV81 LR
	31. HPV83
	32. HPV89

HR = High Risk

pHR = Potential High Risk

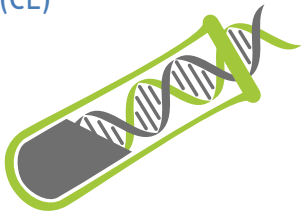
LR = Low Risk



TEST PROCEDURE

Step 1

Cervical cells, first-void urine,
FFPE (CE)

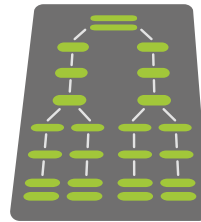


DNA extraction



Step 2

Ready-to-use mastermix



Amplification

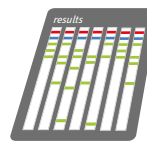
Step 3



Hybridization on strips
Manual or automated procedure



Step 4



Manual
interpretation



Automated
interpretation

Fully automated from sample hybridization to interpretation. Flexibility according to your needs.

AUTOMATED WORK FLOW

Instrumentation available for processing 1 up to 48 strips in 1 run

What you do:

1. Bring materials to room temperature
2. Start the instrument
3. Load reagents and samples
4. Start run and ...

walk away

What the instrument does:

Fully automated test performance from sample incubation to color development ...

1. Hybridization
2. Stringent washes
3. Color development



Autoblot 3000H
(MedTec, Inc)



Auto-LiPA 48



TENDIGO™



What you get:

Strips ready for interpretation

Easy MANUAL INTERPRETATION: One line = one genotype

or

AUTOMATED INTERPRETATION

What to do:

1. Stick strips on reading template
2. Start software
3. Select INNO-LiPA™ HPV Genotyping product
4. Choose data entry model
 - Enter data manually
 - or
 - Scan developed strips
5. Print reports

What LiRAS® for LiPA HPV does:

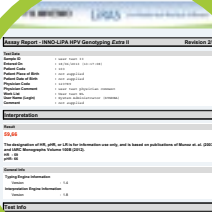
Objective interpretation of developed strips ...

1. Scanning mode with integrated calibration
2. Saves electronic image of each strip
3. Audit trail
4. Genotyping result for each sample



What you get:

Full standard report
or brief summary report
adjustable to your needs





FOR ORDERING

PRODUCT

ARTICLE NO.

Assays

INNO-LiPA™ HPV Genotyping <i>Extra II</i>	CE	81534
INNO-LiPA™ HPV Genotyping <i>Extra II</i>	RUO	81535*
INNO-LiPA™ HPV Genotyping <i>Extra II Amp</i>	CE	81533
INNO-LiPA™ HPV Genotyping <i>Extra II Amp</i>	RUO	81531*
HPV Primer Mix SPF10 Plus	RUO	81571*

Software

LiRAS® for LiPA HPV v3	CE	81501
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Automation

<i>Auto-LiPA™ 48</i>	CE	80628
AutoBlot 3000H	CE	81149
TENDIGO™	CE	80412

Sample collection

Standardized first-void urine collection		
Colli-Pee™ prefilled with UCM preservative	CE	80576
<80 units>	RUO	80631*

* For research use only. Not for use in diagnostic procedures.